

Australian Journal of Experimental Agriculture

Index to Volume 30

- E. Othieno Abbo, J. A. G. Irwin
Aphanomyces euteiches, a possible cause of poor lucerne establishment in the Lockyer Valley, Queensland 361
- E. M. Aitchison
 See P. J. Murray *et al.* 39
- R. L. Aitken
 See C. M. Menzel *et al.* 699
- R. L. Aitken, R. A. Stephenson, E. C. Gallagher
 Effect of lime application to strongly acidic soils on the growth of macadamia seedlings 421
- S. M. Alam
 See S. S. M. Naqvi *et al.* 433
- G. Alexander, D. Stevens, L. R. Bradley, S. A. Barwick
 Maternal behaviour in Border Leicester, Glen Vale (Border Leicester derived) and Merino sheep 27
- G. Alexander, D. Stevens, L. R. Bradley
 Intensive observations during lambing in a goitre-affected flock, with special reference to behaviour of lambs 749
 Distribution of field birth-sites of lambing ewes 759
- R. L. Amor
 See A. R. Leys *et al.* 271
- Vivienne J. Anderson
 See G. Fordyce *et al.* 315
- W. K. Anderson, W. R. Smith
 Increasing wheat yields in a high rainfall area of Western Australia 607
- G. Annison
 Polysaccharide composition of Australian wheats and the digestibility of their starches in broiler chicken diets 183
- K. A. Archer
 The effects of moisture supply and defoliation during flowering on seed production and hardseededness of *Trifolium subterraneum* L. 515
- J. D. Armour
 See M. A. Gilbert *et al.* 61
- J. D. Armour, A. D. Robson, G. S. P. Ritchie
 Prediction of zinc deficiency in navy beans (*Phaseolus vulgaris*) by soil and plant analyses 557
- G. W. Arnold
 See A. J. Charlick *et al.* 591
- G. J. Ash, J. F. Brown
 Yield losses in wheat caused by stripe rust (*Puccinia striiformis* West.) in northern New South Wales 103
- M. J. Baker
 See M. D. A. Bolland *et al.* 811
- P. J. Baker
 See D. C. McKenzie *et al.* 115
- G. J. Ball
 See S. C. Valentine *et al.* 457
- M. J. Barbetti
 Resistance in annual *Medicago* species to *Phoma medicaginis* under controlled environment and field conditions 209
- A. G. Barnett
 See A. R. Leys *et al.* 271
- J. E. Barnes
 Molinate (S-ethyl hexahydro-1H-azepine-1-carbothioate) controls red rice (*Oryza sativa*) in the Burdekin Valley of North Queensland 841
- B. D. Bartsch
 See S. C. Valentine *et al.* 7, 457
- S. A. Barwick
 See G. Alexander *et al.* 27
- R. J. Bateman
 See R. C. Muchow *et al.* 395
- D. F. Beech
 The effect of carrier and rate of nitrogen application on the growth and oil production of lemongrass (*Cymbopogon citratus*) in the Ord Irrigation Area, Western Australia 243
 Register of Australian grain legume cultivars
Cicer arietinum (chickpea) cv. Narayen 715
- S. H. Bell
 See K. P. Croker *et al.* 469
- Janet Belton
 The effect of defoliation interval in winter on pasture productivity in winter and spring: a regional comparison 357
- J. Bertram
 See R. K. Munro *et al.* 179
- K. Bevington, B. R. Cullis
 Evaluation of rootstocks for Marsh and Davis grapefruit in the Murray Region of New South Wales 405
- C. J. Birch, K. E. Long
 Effect of nitrogen on the growth, yield and grain protein content of barley (*Hordeum vulgare*) 237
- A. W. Blackshaw
 See Judith K. Blackshaw *et al.* 491
- Judith K. Blackshaw, A. W. Blackshaw
 Evaluation of two feeder designs for growing pigs 491
- K. W. Blackmore
 See P. C. Strange *et al.* 427
- A. B. Blakeney
 See J. L. Cooper *et al.* 615
- R. M. Blennerhassett
 See Megan Edwards *et al.* 693
- G. W. Blight
 See J. K. Olsen *et al.* 387
 See D. E. Hibberd *et al.* 661
- N. S. Bolan, R. E. White, M. J. Hedley
 A review of the use of phosphate rocks as fertilisers for direct application in Australia and New Zealand 297
- M. D. A. Bolland
 See J. S. Gladstones *et al.* 443
- M. D. A. Bolland, M. J. Baker
 Effect of seed source and seed phosphorus concentration on

- the yield response of yellow serratella to superphosphate applications 811
- E. M. Bond
See A. J. Ritar *et al.* 323
- D. G. Bowran
See G. S. Gill *et al.* 373
- W. J. R. Boyd
See K. C. Chan *et al.* 379
- L. R. Bradley
See G. Alexander *et al.* 27
See G. Alexander *et al.* 749, 759
- R. F. Brennan
Effectiveness of some copper compounds applied as foliar sprays in alleviating copper deficiency of wheat grown on copper-deficient soils of Western Australia 687
- G. A. Brown
See K. P. Croker *et al.* 469
- J. F. Brown
See G. J. Ash *et al.* 103
- L. W. Burgess
See T. A. Klein *et al.* 621
- J. J. Bushell
See M. F. Quirk *et al.* 51
- M. H. Campbell
Distribution, ecology and control of *Cassinia arcuata* (sifton bush) in New South Wales 215
- J. M. Cavaye
See B. W. Norton *et al.* 789
- K. C. Chan, W. J. R. Boyd, T. N. Khan
Distribution, severity and economic importance of powdery mildew of barley in Western Australia 379
- A. J. Charlick, G. W. Arnold
Effect of bearing and rearing lambs on Merino wool production 591
- R. Clark
See T. M. Davison *et al.* 451
- B. G. Cook, R. J. Williams, G. P. M. Wilson
Register of Australian herbage plant cultivars
Arachis pinto (Pinto peanut) cv. Amarillo 445
- J. B. Cook
See D. Hamilton *et al.* 801
- J. L. Cooper, A. B. Blakeney
The effect of two forms of nitrogen fertiliser applied near anthesis on the grain quality of irrigated wheat 615
- R. T. Cowan, P. C. Upton, A. Reid
Milk permeate as a dietary supplement for lactating dairy cows 807
- A. L. Cowie, R. S. Jessop, D. A. MacLeod
Effect of soil nitrate on the growth and nodulation of winter crop legumes 651
- A. L. Cowie, R. S. Jessop, D. A. MacLeod, G. J. Davis
Effect of soil nitrate on the growth and nodulation of lupins (*Lupinus angustifolius* and *L. albus*) 655
- A. Cowling
See Anna M. Ridley *et al.* 529, 539
- G. C. Cresswell, N. G. Nair, J. C. Evans
Effect of boron and copper contaminants in poultry manure on the growth of the common mushroom, *Agaricus bisporus* 707
- K. P. Croker, M. A. Johns, S. H. Bell, G. A. Brown, J. F. Wallace
The influence of vaccination with Fecundin and supplementation with lupin grain on the reproductive performance of Merino ewes in Western Australia 469
- B. R. Cullis
See K. Bevington *et al.* 405
See P. G. Slavich *et al.* 551
See D. Lemerle *et al.* 629
- R. Currie
See C. R. Stockdale *et al.* 43
- A. P. Dahlenburg
See N. A. Maier *et al.* 845, 853
- A. P. Dahlenburg, N. A. Maier, C. H. Williams
Effect of nitrogen on the size, specific gravity, crisp colour and reducing sugar concentration of potato tubers (*Solanum tuberosum* L.) cv. Kennebec 123
- Michele Dale, J. A. G. Irwin
Estimation of inoculum potentials of *Phytophthora megasperma* f. sp. *medicaginis* in chickpea fields and the development of a glasshouse resistance assay 109
- G. J. Davis
See A. L. Cowie *et al.* 655
- R. David
See R. B. H. Wills *et al.* 579
- T. M. Davison, W. D. Jarrett, R. Clark
Effect of level of meat-and-bone meal and pasture type on milk yield and composition of cows grazing tropical pastures 451
- B. Dear
See J. Evans *et al.* 55
- D. G. DeMarco
Effect of seed weight, and seed phosphorus and nitrogen concentrations on the early growth of wheat seedlings 545
- G. D. Denney
Effect of pre-weaning farm environment on adult wool production of Merino sheep 17
Phenotypic variance of fibre diameter along wool staples and its relationship with other raw wool characters 463
- G. D. Denney, H. I. Ridings, K. J. Thornberry
An analysis of the variation in wool production between commercial properties from a survey of a wheat-sheep shire in New South Wales 329
- P. J. Desborough, I. A. Rose
Register of Australian oilseed cultivars
Glycine max (soybean) cv. Dune 449
- A. Diatloff
See R. J. Redden *et al.* 265
- E. Diatloff
Effects of applied nitrogen fertiliser on the chemical composition of the essential oil of three *Leptospermum* spp. 681
- P. J. Dolling, W. M. Porter, A. D. Robson
Soil pH and aluminium and their spatial variation in Western Australian acidic soils 637
- Vivienne J. Doogan
See R. G. Holroyd *et al.* 717, 727
- A. C. L. Douglas
See L. J. Wade *et al.* 257
- A. W. Dowling
See C. M. Menzel *et al.* 699

- R. A. Drew
See M. K. Smith *et al.* 575
- R. A. Drew, M. K. Smith
Field evaluation of tissue-cultured bananas in south-eastern Queensland 569
- S. J. Eady, D. A. Pritchard, P. K. O'Rourke
Effects of genotype and environment on wool production of Merinos at pasture at two locations in semi-arid tropical Queensland 735
- Megan Edwards, R. M. Blennerhassett
The use of postharvest treatments to extend storage life and to control postharvest wastage of honeydew melons (*Cucumis melo* L. var. *inodorus* Naud.) in cool storage 693
- F. W. Ellison
See T. A. Klein *et al.* 621
- R. J. Etherington
See G. J. Murtagh *et al.* 675
- J. Evans, B. S. Dear, G. E. O'Connor
Influence of an acid soil on the herbage yield and nodulation of five annual pasture legumes 55
- J. C. Evans
See G. C. Cresswell *et al.* 707
- C. L. Ewoldt
See V. H. Oddy *et al.* 503
- B. D. Ferguson
See G. J. Lee *et al.* 743
- G. Fordyce
See R. G. Holroyd *et al.* 717, 727
- G. Fordyce, R. Tyler, Vivienne J. Anderson
Effect of reproductive status, body condition and age of *Bos indicus* cross cows early in a drought on survival and subsequent reproductive performance 315
- J. R. Freney
See P. J. Randall *et al.* 95
- I. E. Galbally
See P. J. Randall *et al.* 95
- E. C. Gallagher
See R. L. Aitken *et al.* 421
- K. D. Gilbert
See D. L. Hopkins *et al.* 165
See A. J. Ritar *et al.* 323
- M. A. Gilbert, K. A. Shaw, J. D. Armour, J. K. Teitzel, J. Standley
Low effectiveness of Duchess rock phosphate on pastures in northern Queensland 61
- D. Gillespie
See J. K. Olsen *et al.* 387
- G. S. Gill, D. G. Bowran
Tolerance of wheat cultivars to metribuzin and implications for the control of *Bromus diandrus* and *B. rigidus* in Western Australia 373
- J. S. Gladstones, M. D. A. Bolland, C. K. Revell
Register of Australian herbage plant cultivars *Ornithopus compressus* L. (yellow serradella) cv. Paros 443
- P. C. Glatz
Effect of age of beak trimming on the production performance of hens 349
- J. Gouzos
See J. D. McFarlane *et al.* 187
- C. Grainger
Effect of stage of lactation and feeding level on milk yield response by stall-fed dairy cows to change in pasture intake 495
- A. Gulliver
See F. C. Miller *et al.* 287
- P. J. Haines, N. C. Uren
Effects of conservation tillage farming on soil microbial biomass, organic matter and earthworm populations, in north-eastern Victoria 365
- J. W. Hales
See B. W. Norton *et al.* 155, 769, 777, 783, 789
- B. D. Hall
See D. E. Hibberd *et al.* 825
- B. Hall
See T. J. Wicks *et al.* 413
- D. Hamilton, R. C. Seirer, J. B. Cook
Effects of drought rations offered to lactating beef heifers on liveweight changes, milk production and composition, calf carcasses and cow fertility 801
- V. J. Hansen
Register of Australian tobacco cultivars *Nicotiana tabacum* (tobacco) cv. Dynes 583
- W. J. Hardie
See J. R. Whiting *et al.* 281
- E. R. Harper
See F. C. Miller *et al.* 287
- A. R. Harradine
Effect of 2,4-D ester on the nitrate content of variegated thistle (*Silybum marianum* (L.) Gaertn) 221
- D. C. Harris
See G. J. Lee *et al.* 743
- M. J. Hedley
See N. S. Bolan *et al.* 97
- D. P. Heenan, A. C. Taylor, A. R. Leys
The influence of tillage, stubble management and crop rotation on the persistence of great brome (*Bromus diandrus* Roth) 227
- K. R. Helyar
See Anna M. Ridley *et al.* 195, 529, 539
- D. E. Hibberd, B. D. Hall
The response of some maize and grain sorghum hybrids to nitrogen fertiliser in South East Queensland 825
- D. E. Hibberd, J. H. Ladewig, M. N. Hunter, G. W. Blight
Responses in cotton yields to nitrogen and phosphorus fertilisers in the Emerald Irrigation Area, central Queensland 661
- T. R. Hill
Effect of plant spacing and nitrogenous fertiliser on the yield and plant conformation of Chinese cabbage (*Brassica campestris* ssp. *pekinensis*) 437
- R. G. Holroyd, P. K. O'Rourke, R. Tyler, H. P. Stephenson, G. W. J. Mason, K. L. Schroter
Effects of different weaning ages on postweaning growth rate, mortality and fertility of *Bos indicus* cross cattle 1
- R. G. Holroyd, T. A. James, V. J. Doogan, G. Fordyce, P. K. O'Rourke
The performance of Brahman-Shorthorn and Sahiwal-

- Shorthorn beef cattle in the dry tropics of northern Queensland. 1. Reproductive rates and liveweights of F_1 and backcross females 717
- R. G. Holroyd, T. A. James, V. J. Doogan, G. Fordyce, R. Tyler, P. K. O'Rourke
The performance of Brahman-Shorthorn and Sahiwal-Shorthorn beef cattle in the dry tropics of northern Queensland. 2. Reproductive rates and liveweights of F_2 et seq. females 727
- D. L. Hopkins, K. D. Gilbert, K. L. Saunders
The performance of short scrotum and wether lambs born in winter or spring and run at pasture in northern Tasmania 165
- K. W. Hucker
See D. C. McKenzie et al. 115
- M. N. Hunter
See D. E. Hibberd et al. 661
- B. C. Imrie
See D. F. Beech et al. 715
- M. Incerti, G. J. O'Leary
Rooting depth of wheat in the Victorian Mallee 817
- J. A. G. Irwin
See Michele Dale et al. 109
See E. Othieno Abbo et al. 361
- T. A. James
See R. G. Holroyd et al. 717, 727
- W. D. Jarrett
See T. M. Davison et al. 451
- R. A. Jelbart
See G. J. Lee et al. 743
- R. S. Jessop
See A. L. Cowie et al. 651, 655
- M. A. Johns
See K. P. Croker et al. 469
- A. W. Jones
See V. H. Oddy et al. 503
- R. J. Jones
Nitrogen rate and stocking rate effects on steer gains from grazed irrigated pangola grass in the Ord Valley, Western Australia 599
- G. J. Judson
See J. D. McFarlane et al. 187
- S. Kaplan
See R. C. Muchow et al. 395
- P. J. Kennedy
See B. W. Norton et al. 783
- T. N. Khan
See K. C. Chan et al. 379
- C. R. Kidd
See D. Lemerle et al. 629
- C. F. King
See A. J. Ritar et al. 323
- K. R. King, C. R. Stockdale, T. E. Trigg
Influence of high energy supplements containing fatty acids on the productivity of pasture-fed dairy cows 11
Acceptability of high fat grain mixtures offered to grazing dairy cows 595
- T. A. Klein, L. W. Burgess, F. W. Ellison
Survey of the incidence of whiteheads in wheat crops grown in northern New South Wales, 1976-1981 621
- A. Klieber
See R. B. H. Wills et al. 579
- J. H. Ladewig
See J. E. Hibberd et al. 661
- G. J. Lee, D. C. Harris, B. D. Ferguson, R. A. Jelbart
Growth and carcass fatness of ewe, wether, ram and cryptorchid crossbred lambs reared at pasture: effects of weaning age 743
- D. Lemerle, A. R. Leys, C. R. Kidd, B. R. Cullis
Influences of soil pH and climate on the tolerances of barley and wheat to chlorsulfuron 629
- A. R. Leys
See D. P. Heenan et al. 227
See D. Lemerle et al. 629
- A. R. Leys, R. L. Amor, A. G. Barnett, B. Plater
Evaluation of herbicides for control of summer-growing weeds on fallows in south-eastern Australia 271
- J. W. Littler
See J. M. T. Marley et al. 83
- K. E. Long
See C. J. Birch et al. 237
- L. B. Lowe
See S. C. Valentine et al. 457
- B. J. Macauley
See F. C. Miller et al. 287
- D. A. MacLeod
See A. L. Cowie et al. 651, 655
- J. J. L. Maden
See L. P. Thatcher et al. 171
- N. A. Maier
See A. P. Dahlenburg et al. 123
- N. A. Maier, A. P. Dahlenburg, T. K. Twigden
Effect of nitrogen on the yield and quality of irrigated onions (*Allium cepa* L.) cv. Cream Gold grown on siliceous sands 845
Assessment of the nitrogen status of onions (*Allium cepa* L.) cv. Cream Gold by plant analysis 853
- R. J. Mailer
See N. Wratten et al. 447, 448
- G. C. Marks, I. W. Smith
Control of experimental *Phytophthora cinnamomi* stem infections of *Rhododendron*, *Leucadendron* and *Eucalyptus* by dimethomorph, fosetyl-A1 and metalaxyl 139
- J. M. T. Marley, J. W. Littler
Winter cereal production on the Darling Downs—a comparison of reduced tillage practices 83
- C. C. Martin
See R. C. Muchow et al. 395
- M. D. J. Martin
See R. G. A. Stephenson et al. 477
- R. S. Martyn
Register of Australian herbage plant cultivars
Medicago tornata var. *spinulosa* (disc medic) cv. Rivoli 442
- G. W. J. Mason
See R. G. Holroyd et al. 1

- M. G. Mason, I. C. Rowland
Nitrogen fertiliser response of wheat in lupin-wheat, subterranean clover-wheat and continuous wheat rotations 231
- D. Masters, D. W. Peter
Marginal deficiencies of cobalt and selenium in weaner sheep: response to supplementation 337
- P. N. McConville
See V. A. Pope *et al.* 79
- C. L. McDonald, R. T. Norris, E. J. Speijers, H. I. Ridings
Feeding behaviour of Merino wethers under conditions similar to lot-feeding before live export 343
- M. W. McDonald
See T. M. Shafey *et al.* 483
- J. D. McFarlane, G. J. Judson, J. Gouzou
Copper deficiency in ruminants in the South East of South Australia 187
- J. G. McIvor
Seasonal changes in dry matter distribution and herbage quality of *Urochloa* species in north-eastern Queensland 523
- D. C. McKenzie, K. W. Hucker, L. J. Morthorpe, P. J. Baker
Field calibration of a neutron-gamma probe in three agriculturally important soils of the Lower Macquarie Valley 115
- J. S. Meekins
See R. J. Troedson *et al.* 713
- A. H. Mehanni, P. Rengasamy
Establishment and production of lucerne on a salinised clay soil irrigated with moderately saline groundwater 203
- C. M. Menzel, D. R. Simpson
Effect of paclobutrazol on growth and flowering of lychee (*Litchi chinensis*) 131
- C. M. Menzel, R. L. Aitken, A. W. Dowling, D. R. Simpson
Root distribution of lychee trees growing in acid soils of subtropical Queensland 699
- F. C. Miller, E. R. Harper, B. J. Macauley, A. Gulliver
Controlled composting based on moderately thermophilic and aerobic conditions for the production of commercial mushroom growing compost 287
- T. B. Morley
See B. L. Williams *et al.* 73
- L. J. Morthorpe
See D. C. McKenzie *et al.* 115
- H. J. Moss
See P. J. Randall *et al.* 95
- R. C. Muchow, J. D. Sturtz, M. F. Spillman, G. E. Routley, S. Kaplan, C. C. Martin, R. J. Bateman
Agronomic studies on the productivity of kenaf (*Hibiscus cannabinus* L. cv. Guatamala 4) under rainfed and irrigated conditions in the Northern Territory 395
- S. Mumtaz
See S. S. M. Naqvi *et al.* 433
- R. K. Munro, J. Bertram
Progesterone administered after insemination did not affect the fertility of cattle following a controlled breeding program 395
- D. A. H. Murray, R. Wicks
Injury levels for soil-dwelling insects in sunflower in the Central Highlands, Queensland 669
- P. J. Murray, J. B. Rowe, E. M. Aitchison
The effect of bentonite on wool growth, liveweight change and rumen fermentation in sheep 39
- G. J. Murtagh, R. J. Etherington
Variation in oil concentration and economic return from tea-tree (*Melaleuca alternifolia* Cheel) oil 675
- N. G. Nair
See G. C. Cresswell *et al.* 707
- S. S. M. Naqvi, S. M. Alam, S. Mumtaz
Effect of cobalt and silver ions and naphthaleneacetic acid on fruit retention in mango (*Mangifera indica* L.) 433
- A. Noble
The relation between organochlorine residues in animal feeds and residues in tissues, milk and eggs: a review 145
- R. T. Norris
See C. L. McDonald *et al.* 343
- B. W. Norton, J. W. Hales, T. G. H. Stockwell
Reproduction, growth and survival of Merino ewes and lambs in south-western Queensland and their response to trace element supplementation 155
- B. W. Norton, Catherine A. Wilde, J. W. Hales
Grazing management studies with Australian cashmere goats. 1. Effect of stocking rate on the growth and fleece production of weaner goats grazing tropical pastures 769
- B. W. Norton, Francine T. O'Grady, J. W. Hales
Grazing management studies with Australian cashmere goats. 2. Effect of stocking rate on the liveweight gain of sheep and goats grazing an oats-rye grass pasture 777
- B. W. Norton, P. J. Kennedy, J. W. Hales
Grazing management studies with Australian cashmere goats. 3. Effect of season on the selection of diet by cattle, sheep and goats from two tropical grass-legume pastures 783
- B. W. Norton, J. M. Cavaye, J. W. Hales
Grazing management studies with Australian cashmere goats. 4. Cobalt supplementation and intestinal parasite burdens in sheep and goats in south-eastern Queensland 789
- G. E. O'Connor
See J. Evans *et al.* 55
- Francine T. O'Grady
See B. W. Norton *et al.* 777
- J. C. O'Kelly, W. G. Spiers
Metabolic effects of safflower oil given as a supplement for steers fed roughage diets at restricted intake 585
- G. J. O'Leary
See M. Incerti *et al.* 817
- P. J. O'May
See A. J. Ritar *et al.* 323
- P. K. O'Rourke
See R. G. Holroyd *et al.* 1, 717, 727
See S. J. Eady *et al.* 735
- V. H. Oddy, C. L. Ewoldt, A. W. Jones, H. M. Warren
Metabolisable energy content of diets based on oats grain 503
- J. K. Olsen, G. W. Blight, D. Gillespie
Comparison of yield, cob characteristics and sensory quality of six supersweet (*sh₂*) corn cultivars grown in a subtropical environment 387
- C. J. Paton
See M. F. Quirk *et al.* 51

- B. H. Paynter
Comparative phosphate requirements of yellow serradella (*Ornithopus compressus*), burr medic (*Medicago polymorpha* var. *brevispina*) and subterranean clover (*Trifolium subterraneum*) 507
- D. W. Peter
See D. G. Masters *et al.* 337
- C. L. Plant
See L. P. Thatcher *et al.* 171
- B. Plater
See A. R. Leys *et al.* 271
- V. A. Pope, P. N. McConville
Efficacy of post-emergence herbicides for weed control in chemical fallows in southern Queensland 79
- W. M. Porter
See P. J. Dolling *et al.* 637
- T. V. Price
See B. L. Williams *et al.* 73
- D. A. Pritchard
See R. G. A. Stephenson *et al.* 477
See S. J. Eady *et al.* 735
- M. F. Quirk, C. J. Paton, J. J. Bushell
Increasing the amount of leucaena on offer gives faster growth rates of grazing cattle in South East Queensland 51
- P. J. Randall, J. R. Freney, C. J. Smith, H. J. Moss, C. W. Wrigley, I. E. Galbally
Effect of additions of nitrogen and sulfur to irrigated wheat at heading on grain yield, composition and milling and baking quality 95
- B. J. Read
See P. G. Slavich *et al.* 551
- R. J. Redden
See R. M. Wright *et al.* 714
- R. J. Redden, A. Diatloff, T. Usher
Field screening accessions of *Phaseolus vulgaris* for capacity to nodulate over a range of environments 265
- A. Reid
See R. T. Cowan *et al.* 807
- P. Rengasamy
See A. H. Mehanni *et al.* 203
- C. K. Revell
See J. S. Gladstones *et al.* 443
- H. I. Ridings
See G. D. Denney *et al.* 329
See C. L. McDonald *et al.* 343
- Anna M. Ridley, K. R. Helyar, W. J. Slattery
Soil acidification under subterranean clover (*Trifolium subterraneum* L.) pastures in north-eastern Victoria 195
- Anna M. Ridley, W. J. Slattery, K. R. Helyar, A. Cowling
The importance of the carbon cycle to acidification of a grazed annual pasture 529
Acidification under grazed annual and perennial grass based pastures 539
- A. J. Ritar, P. M. Williams, P. J. O'May, K. D. Gilbert, E. M. Bond, C. F. King
Growth and carcass characteristics of male crossbred lambs from high fecundity Booroola x Polwarth ewes: effects of litter size, castration and age 323
- G. S. P. Ritchie
See J. D. Armour *et al.* 557
- A. D. Robson
See J. D. Armour *et al.* 557
See P. J. Dolling *et al.* 637
- I. A. Rose
See P. J. Desborough *et al.* 449
- G. E. Routley
See R. C. Muchow *et al.* 395
- J. B. Rowe
See P. J. Murray *et al.* 39
- I. C. Rowland
See M. G. Mason *et al.* 231
- K. L. Saunders
See D. L. Hopkins *et al.* 165
- K. L. Schroter
See R. G. Holroyd *et al.* 1
- R. C. Seirer
See D. Hamilton *et al.* 801
- T. M. Shafey, M. W. McDonald
Effects of dietary calcium: available phosphorus ratio on calcium tolerance of broiler chickens 483
- K. A. Shaw
See M. A. Gilbert *et al.* 61
- J. H. Silsbury
Grain yield of wheat in rotation with pea, vetch or medic grown with three systems of management 645
- D. R. Simpson
See C. M. Menzel *et al.* 131, 699
- M. Siridhata
See R. B. H. Wills *et al.* 579
- W. J. Slattery
See Anna M. Ridley *et al.* 195, 529, 539
- P. G. Slavich, B. J. Read, B. R. Cullis
Yield response of barley germplasm to field variation in salinity quantified using the EM-38 551
- C. J. Smith
See P. J. Randall *et al.* 95
- I. W. Smith
See G. C. Marks *et al.* 139
- L. W. Smith
See D. G. Taylor *et al.* 797
- M. K. Smith
See R. A. Drew *et al.* 569
- M. K. Smith, R. A. Drew
Growth and yield characteristics of dwarf off-types recovered from tissue-cultured bananas 575
- W. R. Smith
See W. K. Anderson *et al.* 607
- South Australian Seedgrowers Co-operative Ltd
Register of Australian herbage plant cultivars
Trifolium subterraneum var. *brachycalycinum* (subterranean clover) cv. Nuba 441
- E. J. Speijers
See C. L. McDonald *et al.* 343
- W. G. Spiers
See J. C. O'Kelly *et al.* 585
- M. F. Spillman
See R. C. Muchow *et al.* 395
- J. Standley
See M. A. Gilbert *et al.* 61

- H. P. Stephenson
See R. G. Holroyd *et al.* 1
- R. A. Stephenson
See R. L. Aitken *et al.* 421
- R. G. A. Stephenson, G. R. Suter, D. A. Pritchard, M. D. J. Martin
Studies of wool growth responses to 2-hydroxy-4-(methylthio) butanoic acid, Alimet, an analogue of methionine 477
- D. Stevens
See G. Alexander *et al.* 27, 749, 759
- C. R. Stockdale
See K. R. King *et al.* 11, 595
- C. R. Stockdale, R. Currie, T. E. Trigg
Effects of pasture and supplement quality on the responses of lactating dairy cows to high energy supplements 43
- T. G. H. Stockwell
See B. W. Norton *et al.* 155
- P. C. Strange, K. W. Blackmore
Effect of whole seed tubers, cut seed and within row spacing on potato (cv. Sebago) tuber yield 427
- J. D. Sturtz
See R. C. Muchow *et al.* 395
- G. R. Suter
See R. G. A. Stephenson *et al.* 477
- A. C. Taylor
See D. P. Heenan *et al.* 227
- D. G. Taylor, L. W. Smith
The influence of breed and type of feed on the cholesterol content of the M. longissimus dorsi of steers 797
- J. K. Teitzel
See M. A. Gilbert *et al.* 61
- L. P. Thatcher, J. J. L. Maden, C. L. Plant
Influence of sex and year on carcass characteristics important in marketing of second cross lambs 171
- K. J. Thornberry
See G. D. Denney *et al.* 329
- T. E. Trigg
See K. R. King *et al.* 11, 595
See C. R. Stockdale *et al.* 43
- R. J. Troedson, J. S. Meekin
Register of Australian grain legume cultivars
Cajanus cajan (pigeonpea) cv. Quest 713
- T. K. Twigden
See N. A. Maier *et al.* 845, 853
- R. Tyler
See R. G. Holroyd *et al.* 1, 727
See G. Fordyce *et al.* 315
- P. C. Upton
See R. T. Cowan *et al.* 807
- N. C. Uren
See P. J. Haines *et al.* 365
- T. Usher
See R. J. Redden *et al.* 265
- S. C. Valentine, B. D. Bartsch
Milk production by dairy cows fed legume grains or barley grain with or without urea as supplements to a cereal hay based diet 7
- S. C. Valentine, G. J. Ball, B. D. Bartsch, L. B. Lowe
Effect of bovine somatotropin injected as a sustained-release formulation at three injection intervals on the production and composition of milk from dairy cattle grazing pasture and supplemented with a grain concentrate 457
- L. J. Wade
Estimating loss in grain yield due to suboptimal plant density and non-uniformity in plant spacing 251
- L. J. Wade, A. C. L. Douglas
Effect of plant density on grain yield and yield stability of sorghum hybrids differing in maturity 257
- J. F. Wallace
See K. P. Croker *et al.* 469
- H. M. Warren
See V. H. Oddy *et al.* 503
- J. R. Whiting, W. J. Hardie
Comparison of selections of *Vitis vinifera* cv. Pinot Noir at Great Western, Victoria 281
- R. E. White
See N. S. Bolan *et al.* 297
- R. Wicks
See D. A. H. Murray *et al.* 669
- T. J. Wicks, B. Hall
Control of *Phytophthora* canker with phosphonate in artificially inoculated almond and cherry trees 413
- B. L. Wild
Ethylene gas burn of Washington navel oranges—a form of anthracnose induced by degreening and controlled by brushing or applying fungicides 565
- Catherine A. Wilde
See B. W. Norton *et al.* 769
- C. M. J. Williams
See A. P. Dahlenburg *et al.* 123
- B. L. Williams, T. V. Price, T. B. Morley
Resistance in *Paspalum dilatatum* to *Ascochyta paspali* 73
- P. M. Williams
See A. J. Ritar *et al.* 323
- R. B. H. Wills, A. Klieber, R. David, M. Siridhata
Effect of brief pre-marketing holding of bananas in nitrogen on time to ripen 579
- R. J. Williams
See B. G. Cook *et al.* 445
- G. P. M. Wilson
See B. G. Cook *et al.* 445
- I. M. Wood
Response of seedlings of soybean, sunflower and sorghum to added mineral nutrients 833
- N. Wratten, R. J. Mailer
Register of Australian oilseed cultivars
Brassica napus var. *napus* (Rapeseed, Canola)
cv. Barossa 447
cv. Yickadee 448
- C. W. Wrigley
See P. J. Randall *et al.* 95
- R. M. Wright, R. J. Redden
Register of Australian grain legume cultivars
Phaseolus vulgaris cv. Midnight 714